



Estimated/Average R-Value Chart For Loose-fill Insulation

Average Depth (in inches)	Fiberglass	Rockwool	Cellulose
1	2.5	2.8	3.5
2	5	5.6	7
3	7.5	8.4	10.5
4	10	11.2	14
5	12.5	14	17.5
6	15	16.8	21
7	17.5	19.6	24.5
8	20	22.4	28
9	22.5	25.2	31.5
10	25	28	35
11	27.5	30.8	38.5
12	30	33.6	42
13	32.5	36.4	45.5
14	35	39.2	49
15	37.5	42	52.5
16	40	44.8	56
17	42.5	47.6	59.5
18	45	50.4	63
19	47.5	53.2	66.5
20	50	56	70

Actual Ranges

Insulation Type	R-value/inch of thickness
Loose-fill fiber glass	2.3 to 2.7 (use 2.5)
Loose-fill rockwool	2.7 to 3.0 (use 2.8)
Loose-fill cellulose	3.4 to 3.7 (use 3.5)

(source: Department of Energy)

Rich-R	2.75-3.00+
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(source: Johns Manville Rich-R coverage chart)

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